

## Minutes for the FDSN opening plenary

26 June 2015

Prague, Czech Republic

### Attendees:

Nikolaus Horn (ZAMG, Austria)	Paul Earle (USGS, USA)
Kent Anderson (IRIS, USA)	Victoria Toader (NIEP, Romania)
Mouse Reusch (IRIS PASSCAL, USA)	Mark Chadwick (GNS Science, New Zealand)
Johannes Schweitzer (NORSAR, Norway)	John Clinton (ETH, Switzerland)
Ludek Vecsey (GI, Czech Republic)	Winfried Hanka (GFZ, Germany)
Seiji Tsuboi (JAMSTEC, Japan)	Joachim Saul (GFZ, Germany)
Masaki Kanao (NIPR, Japan)	Marin Vallee (IPGP/GEOSCOPE, France)
Edelvays Spassov (Kinematics, USA)	Marino Protti (OVSI-CORI-UNA, Costa Rica)
John Orcut (UCSD/IDA, USA)	Bruce Beaudoin (IRIS PASSCAL, USA)
David Jepsen (CTBTO, Austria)	Tim Ahern (IRIS, USA)
Angelo Strollo (GFZ, Germany)	Atalay Ayele (AfSC, Ethiopia)
Peter Voss (GEUS, Denmark)	Wolfgang Lenhardt (ZAMG, Austria)
Vunagani Midzi (CGS, South Africa)	Jaroslava Plomerova (IG CAS, Czech Republic)
Chad Trabant (IRIS, USA)	Annakaisa Korja (Univ of Helsinki, Finland)
Florian Haslinger (SED/ETH, Switzerland)	Michelle Grobbelaar (CGS, South Africa)

### Minutes:

In the absence of chair, Florian Haslinger chaired the meeting

#### 1) Welcome and Introductions

1a) FDSN over the next few days

**WG 1** *Seiji Tsuboi / Jan Zednik*

Sunday 28-Jun, 12 – 15, rm 3.1

**WG 2** *Reinoud Sleeman / Rick Benson*

Saturday 27-Jun, 18 – 20, 'South Hall'

**WG 3** *Tim Ahern / Ken Gledhill*

Monday 29-Jun, 12 – 15, rm 3.1

**WG 4** *Florian Haslinger / Sergio Barrientos*

Monday 29-Jun, 18-20, rm 3.1

**WG 5** *Bruce Beaudoin / vacant*

Saturday 27-Jun, 12-15, rm 3.2

#### **Closing Plenary**

Tuesday 30-Jun, 18:00-20:00, 'Panorama Hall'

1b) Identification of members present

A quorum was reached and an attendance register was circulated

2) Message from the chair – presented by Florian Haslinger on behalf of chair (see attached)

A discussion on the dates when the Terms of Reference were written was initiated. They were first drafted in mid 1980's and then later modified. No further reviews were suggested. There was a question about the membership of Peru – **Florian will check on that – ACTION**. There was a general consensus that more efforts should be aimed at including Africa and South America.

3) Regional FDSN reports

3a) Europe – Angelo Strollo presented the report (see attached).

3b) Asia –no report given

3c) Africa – Atalay Ayele presented the report (see attached).

3d) Latin America and Caribbean – Marino Protti presented the report (see attached).

3e) North America – Tim Ahern presented the report (see attached).

4) Membership

4.1 Acceptance of new members (by vote)

Applications from the following networks were discussed: Brunei Darussalam National Seismic Network; Curacao Seismic Network (Meteorological Department Curacao); Cape Verde Seismic Network (National Institute for Meteorology and Geophysics); South Carolina Seismic Network at USC; ITSAK Strong Motion Network (EPPO-ITSAK, Greece); Observatorio Sismologico Loyola (Dominican Republic).

The attendees suggested that more discussion was needed on the strong motion network application, the other network applications were unanimously (no objections or abstentions) accepted.

Regarding the strong motion network from Greece (nominated three stations) concerns were raised that the network (and purely strong motion networks in general) may not qualify.

After discussion the network was conditionally accepted. **The condition is that the execom should confirm that the stations are free field and data is open. – ACTION**

It was further discussed and agreed that strong motion stations should not form part of the FDSN backbone.

In addition to the above scientific networks, OSOP (Panama), a company offering seismological services, and also operating some broadband stations, also applied for membership. A discussion was initiated on how to deal with company memberships in general. **It was agreed that the execom should discuss it and applicant companies should be asked a brief description of their intentions for joining the FDSN, i.e is it to provide data, etc - ACTION**. The decision on membership of OSOP was deferred, pending ExeCom discussion (may follow new procedure, see below).

4.2 Procedure for member acceptance between meetings

There was a general agreement that the possibility of performing an electronic voting on membership issues in order to speed up the process should be introduced. Execom is asked to investigate and suggest a procedure (e.g. send an email for decisions from the steering committee and provide a time interval for voting, or set up another appropriate online voting mechanism). If there would be objections, or requests for extended discussions from the members, then decision shall be deferred to the next meeting. – **ACTION.**

5) FDSN engagement with the OBS community

5.1) New working group (6) or incorporate into (1) or (5)

It was mentioned that the OBS community have already been invited into WGV and that some operators are already part of the FDSN community. Thus, it was suggested that we should rather not create a new WG, **but could include the community by inviting a relevant person to be the vice-chair of WGV - ACTION.**

5.2) FDSN engagement with infrasound community

**It was suggested that the execom look into how this can be taken forward, especially in the light of the fact that e.g. IRIS and ORFEUS are already receiving infrasound data – ACTION.**

6) FDSN funding models

It was suggested that the Execom should look into the various options. IASPEI is probably not a viable option. Many questions were raised such as: What will the funding be used for? It will bring complexities into the structure (overheads, accounts, etc). Could use projects to assist in certain areas, especially where FDSN is a partner. **The suggestion is that the execom comes up with a proposal and budget for discussions – ACTION.**

7) Executive committee elections

Current slate:

<b>Chair</b>	<i>Göran Ekström (elected 2013)</i>
<b>Secretary</b>	<i>Michelle Grobbelaar (elected 2013)</i>
<b>WG 1</b>	Chair: <i>Seiji Tsuboi (re-elected 2011)</i> Vice-Chair: <i>Jan Zednik (elected 2011)</i>
<b>WG 2</b>	Chair: <i>Reinoud Sleeman (re-elected 2011)</i> Vice-Chair: <i>Rick Benson (elected 2011)</i>
<b>WG 3</b>	Chair: <i>Tim Ahern (re-elected 2011)</i> Vice-Chair: <i>Ken Gledhill (elected 2011)</i>
<b>WG 4</b>	Chair: <i>Florian Haslinger (elected 2011)</i> Vice-Chair: <i>Sergio Barrientos (elected 2011)</i>

**WG 5** Chair: *Bruce Beaudoin (elected 2013)*  
Vice-Chair: *vacant*

New elections 2015:

**WG 1** Chair nominated: *Seiji Tsuboi (re-election)*  
Vice-Chair nominated: *Ludek Vecsey (new election)*

**WG 2** Chair nominated: *Reinoud Sleeman (re-election)*  
Vice-Chair nominated: *Rick Benson (re-election)*

**WG 3** Chair nominated: *Tim Ahern (re-election)*  
Vice-Chair nominated: *Mark Chadwickl (new election)*

**WG 4** Chair nominated: *Istvan Bondar (new election)*  
Vice-Chair nominated: *Sergio Barrientos (re-election)*

**WG 5** Vice-Chair nominated: *Wayne Crawford (new election)*

8) The meeting was adjourned at 20:00

**FDSN 2<sup>nd</sup> Group Plenary**

**30-June 2015**

**18:00-20:00**

**Prague, Czech Republic**

- 1) Executive Committee Elections (vote)
- 2) Working Group Reports and Recommendations  
(potential vote)
- 3) Next meeting
- 4) Any other business

The meeting was again chaired by Florian Haslinger standing in for Göran Ekström.

0) Adoption of agenda/identification of quorum

A quorum was reached. There was a **suggestion that the quorum definition (currently: 5 members present) be changed to percentage instead of just a number, but there were concerns about sufficient representation – execom to further discuss – ACTION**

1) Last meeting minutes

Minutes from the last plenary meeting in Sweden are not available but the WG minutes are on website. **Execom should in future strive to issue minutes as soon as possible after meeting – ACTION**

2) Executive Committee voting

New nominees briefly introduced themselves

**WG 1** Chair nominated: *Seiji Tsuboi (re-election )- unanimous (no objections and no abstentions)*

Vice-Chair nominated: *Ludek Vecsey (new election)- unanimous (no objections and no abstentions)*

**WG 2** Chair nominated: *Reinoud Sleeman (re-election) – unanimous (no objections and no abstentions)*

Vice-Chair nominated: *Rick Benson (re-election)- unanimous (no objections and no abstentions)*

**WG 3** Chair nominated: *Tim Ahern (re-election)- unanimous (no objections and one abstention)*

Vice-Chair nominated: *Mark Chadwick (new election)- unanimous (no objections and no abstentions)*

- WG 4** Chair nominated: *Istvan Bondar (new election) - unanimous (no objections and no abstentions)*  
Vice-Chair nominated: *Sergio Barrientos (re-election) – unanimous (no objections and one abstention)*
- WG 5** Vice-Chair nominated: *Wayne Crawford (new election)- unanimous (no objections and no abstentions)*

3) WG reports and recommendations (see attached reports)

**WG1** – the chair presented the report and recommendations – There was a question concerning the station book, whether it is for all the stations or only backbone, the answer was for all stations wherever possible.

Another question related to the number of station in the backbone, what is the time line to achieve 250 stations. It was not discussed in the group, but perhaps it can be addressed at next meeting. There was nothing to vote on.

**WG2** – a representative presented the report and recommendations – There was a question concerning the changes proposed to SEED. The response was that there were a few changes suggested, but one change was the allocation to network code which presently can only accommodate a two letter code. It was suggested that the group also works together with the ISC. There was nothing to vote on.

**WG3** – the chair presented the report and recommendations – no questions. There was nothing to vote on.

**WG4** – the chair presented the report and recommendations – no questions. There was nothing to vote on.

**WG5** – the chair presented the report and recommendations – no questions. There was nothing to vote on.

4) Next meeting

IASPEI 2017- Kobe, Japan (30 July – 4 August)

5) Any other business

Florian announced that as he is stepping down as WG IV chair he will also leave the Execom. He hopes to stay involved and wishes all the best.

**He requested that all presentations should be sent to the WG chair concerned/secretary – ACTION**

6) The meeting adjourned at 19:05.